

WHAT IS CLAIMED IS:

- 1 1. In a closure for a container having a first projection extending from an
2 outside wall of the container, the closure comprising a base having a first end
3 configured for mounting on a container and a second end enclosed by a top portion,
4 the top portion comprising a platform having at least one opening for dispensing
5 material from the container, at least one flap coupled to the top portion and movable
6 between an open position for dispensing the material and a closed position for
7 covering the opening, the improvement comprising:
8 a second projection extending from an inside wall of the base toward the top
9 portion and configured to coact with the first projection on the container, so that the
10 closure is configured to resist separation from the container once the closure has been
11 attached to the container.
- 1 2. The closure of Claim 1 wherein the base has a rectangular shape.
- 1 3. The closure of Claim 1 wherein the base and the top portion are
2 integrally formed as a single piece.
- 1 4. The closure of Claim 1 wherein the first projection extends
2 substantially around the outside wall of the container and the second projection
3 extends substantially around the inside wall of the closure.
- 1 5. The closure of Claim 1 wherein the first projection includes a first barb
2 and the second projection includes a second barb, the first barb and the second barb
3 configured to coact to resist separation of the closure from the container.
- 1 6. The closure of Claim 1 wherein the flaps are integrally formed with the
2 top portion.
- 1 7. The closure of Claim 1 further comprising at least one channel formed
2 in the top portion and configured to drain moisture away from the opening.

1 8. In a closure for a container comprising a base having a first end
2 configured for attachment to the container and a second end at least partially covered
3 by a top portion, the top portion comprising at least one opening for dispensing a
4 material from the container and at least one flap pivotally coupled to the top portion
5 for movement between an open position for dispensing material and a closed position
6 to cover the opening, the improvement comprising:

7 a tab extending from an underside of the flap;

8 a guide formed with the tab and having a guide surface configured to engage
9 an edge of the opening in a wedging interaction;

10 so that the flap is retained in the closed position by engagement between the
11 tab and the edge of the opening.

1 9. The closure of Claim 8 wherein the flap is retained in the closed
2 position by frictional engagement between the tab and the edge of the opening.

1 10. The closure of Claim 8 wherein the first end of the base is configured
2 for attachment to a rectangular opening on the container.

1 11. The closure of Claim 8 further comprising a lip extending upwardly
2 from at least one of the top portion and the flap, so that the closure is configured to
3 receive a bottom of a container stacked atop the closure.

1 12. The closure of Claim 8 wherein the flaps are separable from the top
2 portion.

1 13. The closure of Claim 8 further comprising a snap ridge projecting from
2 an inside wall of the base and configured to engage a corresponding projection
3 extending from the container.

1 14. The closure of Claim 8 wherein the top portion and the base are
2 integrally formed.

1 15. The closure of Claim 8 further comprising at least one finger
2 configured to coact with at least one aperture for coupling the flap to the top portion.

1 16. In a closure for a container comprising a base having a first end
2 configured for attachment to the container and a second end coupled to a top portion,
3 the top portion comprising at least one opening for dispensing a material from the
4 container and at least one flap pivotally coupled to the top portion by a hinge for
5 movement between an open position for dispensing material and a closed position to
6 cover the opening, the improvement comprising:

7 a first channel and a second channel formed in the top portion;
8 a first projection extending from a first side of the flap and configured to fit at
9 least partially within the first channel when the flap is in the closed position;
10 a second projection extending from a second side of the flap opposite the first
11 side of the flap and configured to fit at least partially within the second channel when
12 the flap is in the closed position;
13 so that the channels and the projections form a structure resistant to intrusion
14 of external materials when the flap is in the closed position.

1 17. The closure of Claim 16 wherein the base comprises a rectangular
2 wall.

1 18. The closure of Claim 16 wherein the base, the top portion and the flaps
2 are integrally formed in a single operation.

1 19. The closure of Claim 16 further comprising a projection extending
2 from an underside of the flap and configured to engage an edge of the opening in a
3 wedging interaction to create a frictional fit configured to retain the flap in the closed
4 position.

1 20. The closure of Claim 15 further comprising a first projection extending
2 upwardly from an inside surface of the wall and configured to engage a corresponding
3 second projection on an outside surface of the container so that the projections are
4 configured to coact and resist removal of the closure once the closure is attached to
5 the container.

1 21. The closure of Claim 16 wherein flap further comprises a skirt
2 projecting downwardly from a front of the flap and the base further comprises a recess
3 configured to receive the skirt when the flap is in the closed position.

1 22. The closure of Claim 16 wherein the first channel and the first
2 projection are substantially straight and the second channel and the second projection
3 are substantially straight and parallel to the first channel and the first projection.